

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)		ATTY. DOCKET NO.	SERIAL NO.
		19603/3541 (CRF D-2694A)	10/001,643
		APPLICANT	
		Hyman et al.	
		FILING DATE	GROUP ART UNIT
		October 31, 2001	3737

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>EKA</i>	1	5,034,613	07/23/91	Denk et al.			
<i>EKA</i>	2	5,115,137	05/19/92	Andersson-Engels, et al.			
<i>EKA</i>	3	5,353,790	10/11/94	Jacques et al.			
<i>EKA</i>	4	5,421,337	06/06/95	Richards-Kortum et al.			
<i>EKA</i>	5	5,590,660	01/07/97	MacAulay et al.			
<i>EKA</i>	6	5,697,373	12/16/97	Richards-Kortum et al.			
<i>EKA</i>	7	5,699,795	12/23/97	Richards-Kortum et al.			
<i>EKA</i>	8	5,827,190	10/27/98	Palcic et al.			

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION IF APPROPRIATE
<i>EKA</i>	9	0 512 965 A1	11/11/92	Europe			
<i>EKA</i>	10	0 920 831 A1	06/09/99	Europe			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>EKA</i>	11	Tromberg et al., "Optical Fiber Fluoroprobes for Biological Measurements," <i>Applied Spectroscopy</i> 38(1):38-42 (1984)
<i>EKA</i>	12	Dinkel et al., "Remote Two-Photon Excited Fluorescence Sensing in a Simulated Fermentation Broth," <i>Analytica Chimica Acta</i> 263:131-136 (1992)
<i>EKA</i>	13	Williams et al., "Mucosal Mast Cell Secretion Processes Imaged Using Three-Photon Microscopy of 5-Hydroxytryptamine Autofluorescence," <i>Biophysical Journal</i> 76:1835-1846 (1999)
<i>EKA</i>	14	Xu et al., "Multiphoton Excitation of Molecular Fluorophores and Nonlinear Laser Microscopy," in Lakowicz, ed., <i>Topics in Fluorescence Spectroscopy</i> Vol. 5, New York, New York: Plenum Press, pp. 471-540 (1997)
<i>EKA</i>	15	Shear et al., "Multiphoton-Excited Visible Emission by Serotonin Solutions," <i>Photochemistry and Photobiology</i> 65(6):931-936 (1997)
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86	16	Xu et al., "Multiphoton Excitation Cross-sections of Molecular Fluorophores," <u>Bioimaging</u> 4:198-207 (1996)					
1	17	Maiti et al., "Measuring Serotonin Distribution in Live Cells with Three-Photon Excitation," <u>Science</u> 275:530-532 (1997)					
1	18	Xu et al., "Multiphoton Fluorescence Excitation: New Spectral Windows for Biological Nonlinear Microscopy," <u>Proc. Natl. Acad. Sci. USA</u> 93:10763-10768 (1996)					
1	19	Lago et al., "Two-Photon-Induced Fluorescence of Biological Markers Based on Optical Fibers," <u>Optics Letters</u> 20(20):2054-2056 (1995)					
1	20	Williams et al., "Two-Photon Molecular Excitation Provides Intrinsic 3-Dimensional Resolution for Laser-based Microscopy and Microphotochemistry," <u>FASEB Journal</u> 8:804-813 (1994)					
1	21	Denk et al., "Two-Photon Molecular Excitation in Laser-Scanning Microscopy," in Pawley, ed., <u>Handbook of Biological Confocal Microscopy</u> , New York, New York: Plenum Press, pp. 445-458 (1995)					
1	22	Webb, "Non-Linear Laser Microscopy," <u>Progress in Biophysics & Molecular Biology</u> XIIth International Biophysics Congress, 65:20 (1996) (Abstract)					
1	23	Webb et al., "Multiphoton Fluorescence Correlation Spectroscopy with Single Molecules in Living Cells," 4 th International Weber Symposium on Innovative Fluorescence Methodologies in Biochemistry and Medicine (1999) (Abstract)					
1	24	Nichols et al., "Visualization of Mitochondria Via Two-Photon Microscopy of NADH: Identifying Conditions that Maintain Cell Viability," <u>Biophysics Journal</u> 76:A9 (1999) (Abstract)					
86	25	Nichols et al., "Identification of the Principle Sources of Two-Photon Autofluorescence From HeLa Cell Monolayers," <u>Biophysics Journal</u> 72:A346 (1997) (Abstract)					

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<i>St</i>	26	Williams et al., "Three-Photon Excitation Imaging of Serotonin Secretion by RBL-2H3 Cells,"
		<u>Biophysics Journal</u> 72:A156 (1997) (Abstract)
	27	Xu et al., "Multiphoton Excitation of Molecular Fluorophores and Native Biological Absorbers,"
		<u>Biophysics Journal</u> 72:A90 (1997) (Abstract)
	28	Shear et al., "Multiphoton-Excited Photochemistry Yields Visible Emission from Serotonin," <u>Biophysics Journal</u> 72:A346 (1997)
		(Abstract)
	29	Xu et al., "Multiphoton Excitation of Fluorophores in Nonlinear Laser Microscopy," <u>OSA Annual Meeting/ILS-XII/Optics & Imaging in the Information Age Advance Program</u> p. 158 (1996) (Abstract)
	30	Webb, "Biological Applications of Nonlinear Laser Microscopy," <u>Advanced Solid-State Lasers, Twelfth Topical Meeting</u> , p. 65 (1997) (Abstract)
	31	Webb et al., "Multiphoton Molecular Excitation to Illuminate Non-Linear Laser Microscopy," in Barbara et al., eds., <u>Springer Series in Chemical Physics: Ultrafast Phenomena X</u> , Vol. 62, Berlin: Springer-Verlag, p. 133 (1996) (Abstract)
	32	Webb, "Non-Linear Optical Microscopy," <u>Biophysics Journal</u> 70:A429 (1996) (Abstract)
	33	Webb, "Non-Linear Laser Microscopy," <u>Photochemistry and Photobiology</u> 63:45S (1996) (Abstract)
<i>✓</i>	34	Xu et al., "Three-Photon Excited Fluorescence and Applications in Nonlinear Laser Scanning Microscopy,"
		<u>Biophysics Journal</u> 70:A429 (1996) (Abstract)
<i>St</i>	35	Maiti et al., "Multiphoton Fluorescence Spectroscopy Through Optical Fibers," <u>Biophysics Journal</u> 72:A217 (1997) (Abstract)
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<i>ED</i>	36	4,576,173	03/18/86	Parker et al.			
	37	4,592,361	06/03/86	Parker et al.			
	38	4,895,156	01/23/90	Schulze			
	39	5,119,815	06/09/92	Chance			
	40	5,127,405	07/07/92	Alcala et al.			
	41	5,197,470	03/30/93	Helfer et al.			
	42	5,311,013	05/10/94	Gutcheck et al.			
	43	5,323,775	06/28/94	Joshi et al.			
<i>V</i>	44	5,333,044	07/26/94	Shaffer			
	45	5,341,805	08/30/94	Stavridi et al.			
	46	5,579,773	12/03/96	Vo-Dinh et al.			
<i>ED</i>	47	5,628,310	05/13/97	Rao et al.			

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<i>ED</i>	48	Masters et al., "Confocal Microscopy and Multi-Photon Excitation Microscopy of Human Skin <i>In Vivo</i> ," <u>Optics Express</u> 8(1):2-10 (2001)
	49	Masters et al., "Multiphoton Excitation Microscopy of Human Skin <i>In Vivo</i> : Early Development of an Optical Biopsy," <u>In SFM99</u> (Saratov Fall Meeting 99), Saratov State University Optics Department, Russia (1999)
	50	Helmchen et al., "A Miniaturized Two-Photon Fiber-Scanning Microscope for <i>In Vivo</i> Imaging," <u>Society for Neuroscience</u> Vol. 25:Abstract 322.1 (1999) (abstract)
	51	Glanzmann et al., "Time-Resolved Spectrofluorometer for Clinical Tissue Characterization During Endoscopy," <u>Review of Scientific Instruments</u> 70(10):4067-4077 (1999)
	52	Arendt et al., "Investigation of Early Cancerous Changes in Bladder Tissue by Autofluorescence," Proceedings - 19 th International Conference - IEEE/EMBS pp. 2290-2293 (1997)
<i>ED</i>	53	Zonios et al., "Morphological Model of Human Colon Tissue Fluorescence," <u>IEEE Transactions on Biomedical Engineering</u> 43(2):113-122 (1996)
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<i>GD</i>	54	5,419,323	05/30/1995	Kittrill et al.			
	55	5,986,271	11/16/1999	Lazarev et al.			
	56	6,070,096	05/30/2000	Hayashi			
	57	6,178,041 B1	01/23/2001	Simon			
	58	6,201,989 B1	03/13/2001	Whitehead et al.			
	59	6,212,425 B1	04/03/2001	Irion et al.			
<i>GD</i>	60	6,238,348 B1	05/29/2001	Crowley et al.			
	61	6,178,041 B1	01/23/2001	Simon			
<i>GD</i>	62	6,344,653 B1	02/05/2002	Webb et al.			
	63	6,166,385	12/26/2000	Webb et al.			

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